

SEQUENCE LISTING

&lt;110&gt; MABTECH AB

&lt;120&gt; METHOD OF DIAGNOSIS

&lt;130&gt; N86733

&lt;160&gt; 4

&lt;170&gt; PatentIn version 3.0

&lt;210&gt; 1

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; homo sapiens

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (12) .. (614)

&lt;400&gt; 1

gaattccggc	c	atg	aag	acc	caa	agg	aat	ggc	cac	tcc	ctg	ggg	cgg	tgg	50
		Met	Lys	Thr	Gln	Arg	Asn	Gly	His	Ser	Leu	Gly	Arg	Trp	
		1				5					10				

tca	ctg	gtg	ctc	ctg	ctg	ctg	ggc	ctg	gtg	atg	cct	ctg	gcc	atc	att	98
Ser	Leu	Val	Leu	Leu	Leu	Leu	Gly	Leu	Val	Met	Pro	Leu	Ala	Ile	Ile	
	15					20					25					

gcc	cag	gtc	ctc	agc	tac	aag	gaa	gct	gtc	ctt	cgt	gct	ata	gat	ggc	146
Ala	Gln	Val	Leu	Ser	Tyr	Lys	Glu	Ala	Val	Leu	Arg	Ala	Ile	Asp	Gly	
30					35				40					45		

atc	aac	cag	cgg	tcc	tcg	gat	gct	aac	ctc	tac	cgc	ctc	ctg	gac	ctg	194
Ile	Asn	Gln	Arg	Ser	Ser	Asp	Ala	Asn	Leu	Tyr	Arg	Leu	Leu	Asp	Leu	
			50						55					60		

gac	ccc	agg	ccc	acg	atg	gat	ggg	gac	cca	gac	acg	cca	aag	cct	gtg	242
Asp	Pro	Arg	Pro	Thr	Met	Asp	Gly	Asp	Pro	Asp	Thr	Pro	Lys	Pro	Val	
			65				70						75			

agc	ttc	aca	gtg	aag	gag	aca	gtg	tgc	ccc	agg	acg	aca	cag	cag	tca	290
Ser	Phe	Thr	Val	Lys	Glu	Thr	Val	Cys	Pro	Arg	Thr	Thr	Gln	Gln	Ser	
	80						85					90				

cca	gag	gat	tgt	gac	ttc	aag	aag	gac	ggg	ctg	gtg	aag	cgg	tgt	atg	338
Pro	Glu	Asp	Cys	Asp	Phe	Lys	Lys	Asp	Gly	Leu	Val	Lys	Arg	Cys	Met	
	95					100					105					

ggg	aca	gtg	acc	ctc	aac	cag	gcc	agg	ggc	tcc	ttt	gac	atc	agt	tgt	386
Gly	Thr	Val	Thr	Leu	Asn	Gln	Ala	Arg	Gly	Ser	Phe	Asp	Ile	Ser	Cys	
110					115				120						125	

gat	aag	gat	aac	aag	aga	ttt	gcc	ctg	ctg	ggt	gat	ttc	ttc	cgg	aaa	434
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

2

Asp Lys Asp Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys  
 130 135 140  
 tct aaa gag aag att ggc aaa gag ttt aaa aga att gtc cag aga atc 482  
 Ser Lys Glu Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile  
 145 150 155  
 aag gat ttt ttg cgg aat ctt gta ccc agg aca gag tcc tag tgt gtg 530  
 Lys Asp Phe Leu Arg Asn Leu Val Pro Arg Thr Glu Ser  
 160 165 170  
 ccc tac cct ggc tca ggc ttc tgg gct ctg aga aat aaa cta tga gag 578  
 caa ttt caa aaa aaa aaa aaa aaa acc gga att c 615

<210> 2  
 <211> 170  
 <212> PRT  
 <213> homo sapiens

<400> 2

Met Lys Thr Gln Arg Asn Gly His Ser Leu Gly Arg Trp Ser Leu Val  
 1 5 10 15  
 Leu Leu Leu Leu Gly Leu Val Met Pro Leu Ala Ile Ile Ala Gln Val  
 20 25 30  
 Leu Ser Tyr Lys Glu Ala Val Leu Arg Ala Ile Asp Gly Ile Asn Gln  
 35 40 45  
 Arg Ser Ser Asp Ala Asn Leu Tyr Arg Leu Leu Asp Leu Asp Pro Arg  
 50 55 60  
 Pro Thr Met Asp Gly Asp Pro Asp Thr Pro Lys Pro Val Ser Phe Thr  
 65 70 75 80  
 Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Ser Pro Glu Asp  
 85 90 95  
 Cys Asp Phe Lys Lys Asp Gly Leu Val Lys Arg Cys Met Gly Thr Val  
 100 105 110  
 Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile Ser Cys Asp Lys Asp  
 115 120 125

Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu  
 130 135 140

Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe  
 145 150 155 160

Leu Arg Asn Leu Val Pro Arg Thr Glu Ser  
 165 170

<210> 3  
 <211> 37  
 <212> PRT  
 <213> homo sapiens

<400> 3

Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu Lys Ile Gly Lys Glu  
 1 5 10 15

Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe Leu Arg Asn Leu Val  
 20 25 30

Pro Arg Thr Glu Ser  
 35

<210> 4  
 <211> 37  
 <212> PRT  
 <213> homo sapiens

<400> 4

Ala Val Leu Arg Ala Ile Asp Gly Ile Asn Gln Arg Ser Ser Asp  
 1 5 10 15